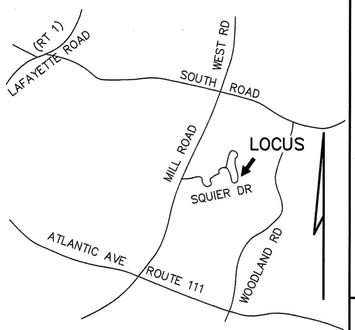
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 140 CHATFIELD–HOLLIS–CANTON
(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = PER PREVIOUS PLANS

#1 SET HUB EL 56.46

#2 COR 1ST STEP ELEV 58.59

#3 SET PK EDGE DRIVEWAY EL 58.35

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 54.8
2. THERE IS/ARE APPROX 24" BELOW EXISTING (EL 56.8) GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EQUALS 0" BELOW ORIGINAL HIGH CONTOUR PER PREVIOUS SEPTIC PLAN (CA1999019768)

SUITABLE REPLACEMENT AREA:

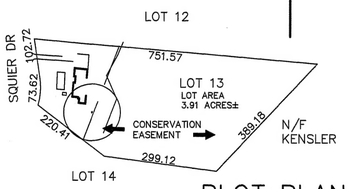
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

50 / (50) — EXISTING CONTOUR / PROPOSED CONTOUR
50.0 — EXISTING SPOT ELEVATION
(50.0) — PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
   RCRD PLAN D26372
2. SUBDIVISION APPROVAL # SA1997000542
   PREVIOUS CONSTRUCTION APPROVAL # CA1999019768
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75'
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
   OF PROPOSED SYSTEM

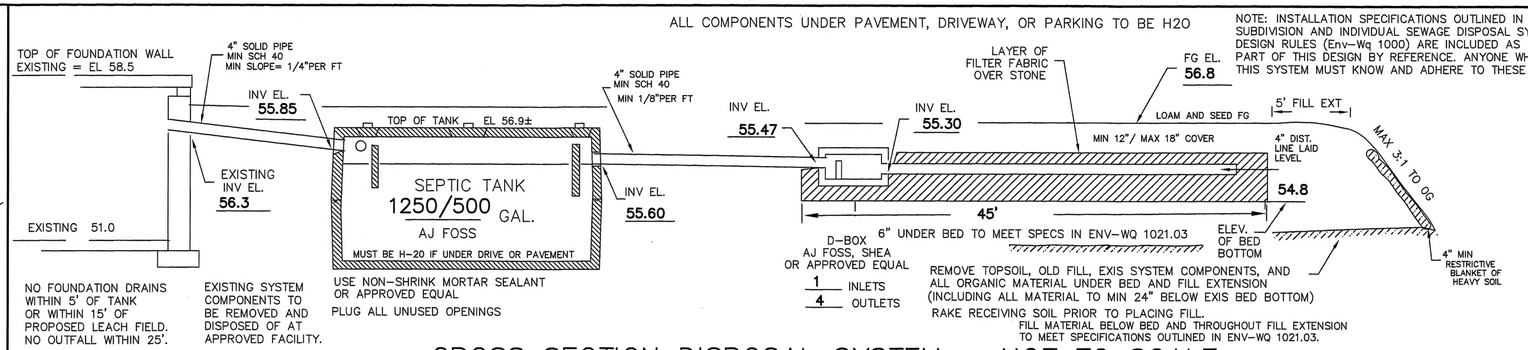


PLOT PLAN

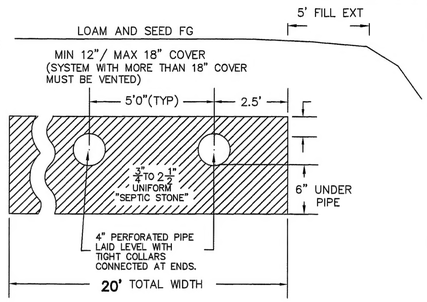
1"=APPROX 200'

ALL COMPONENTS UNDER PAVEMENT, DRIVEWAY, OR PARKING TO BE H2O

NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.



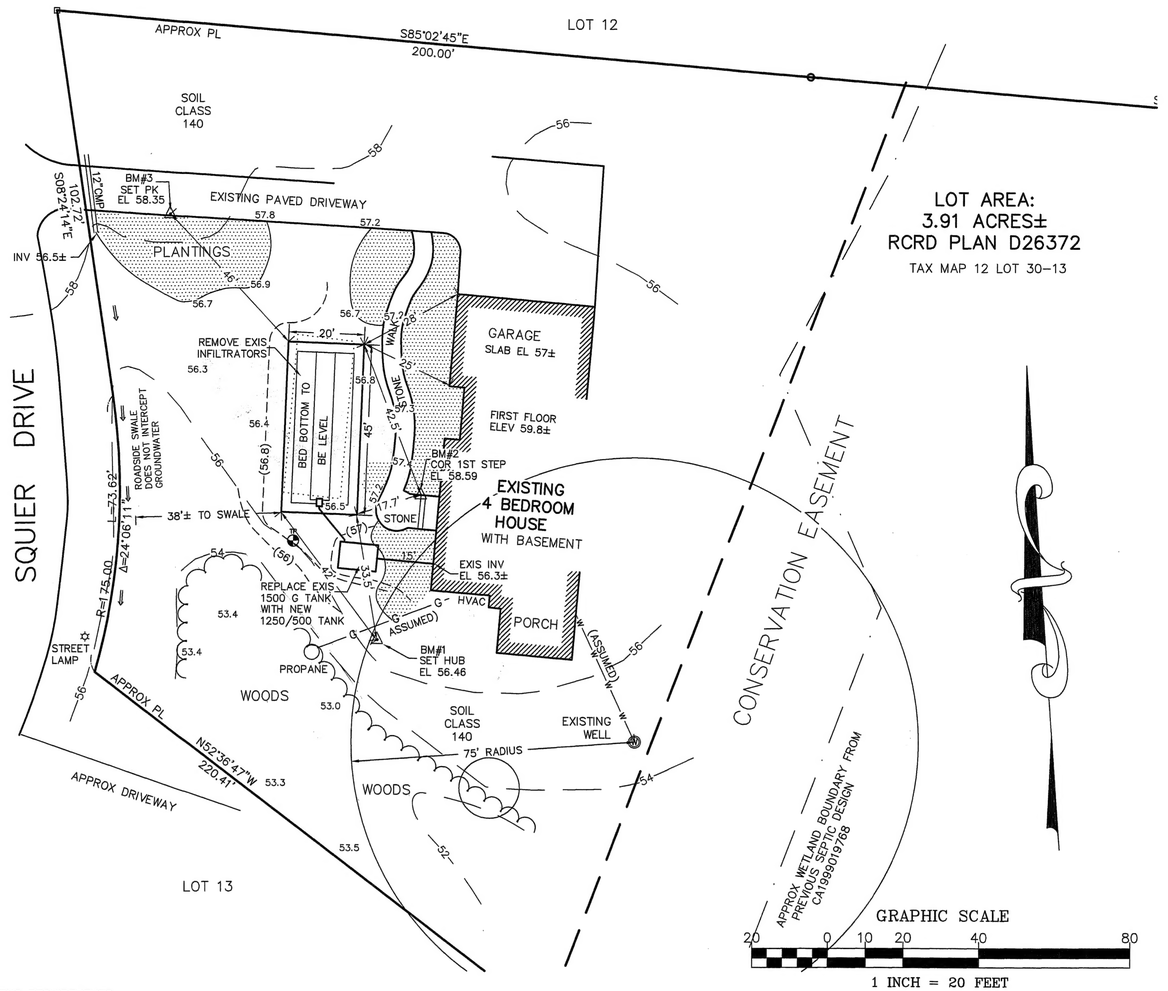
CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE



STONE TO MEET SPECIFICATIONS OUTLINED IN ENV–WQ 1016.04
MUST BE CLEAN, UNIFORM, AND WASHED.

SYSTEM FAILURE EVIDENCED BY PUMPER REPORTS AND SUBSEQUENT OBSERVATION OF SOLIDS AND ANAEROBIC SATURATION IN AND AROUND D–BOX.

PLAN : 1"=20'



LOT AREA:
3.91 ACRES±
RCRD PLAN D26372
TAX MAP 12 LOT 30–13

GRAPHIC SCALE
20 0 10 20 40 80
1 INCH = 20 FEET

NOTES: (CONTINUED)

5 DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404)
INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.

6. PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL
7. ALL SUBSURFACE UTILITIES AND IRRIGATION LINES TO BE FIELD LOCATED AND WELL MARKED PRIOR TO INSTALLATION.
8. LAWN IRRIGATION SHOULD BE APPLIED WITH CARE TO AVOID OVERWATERING THE LEACH FIELD.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TP TEST PIT DATA

DATE: APRIL 30, 2014

TOWN INSPECTOR: MIKE CUOMO

TEST PIT #1 EL 56.0

0–6"	10YR3/3 FINE SANDY LOAM, GRANULAR FRIABLE (TOPSOIL) TO BE REMOVED
6–40"	10YR4/6 STONY FINE SANDY LOAM FRIABLE BLOCKY (FILL) TO BE REMOVED
40–48"	10YR4/4 STONY FINE SANDY LOAM, FRIABLE BLOCKY (NATURAL SOIL)
48–67"	2.5Y5/4 STONY FINE SANDY LOAM, FRIABLE BLOCKY WITH REDOX

ESHWT @ 48", NO REFUSAL, NO OBSERVED WATER

PT PERC TEST DATA

DESIGN PERC RATE: 6 MIN/IN

DESIGN LOADING: EXISTING 4 BEDROOMS

AREA REQUIRED: 900 SF REQUIRED

AREA PROPOSED: 20' X 45' = 900 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 21 SQUIER DRIVE
NORTH HAMPTON, NH
TAX MAP 12 LOT 30–13

OWNER: DAVID S. & MARGARET K. ALLEN
21 SQUIER DRIVE
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems — Anne W. Bielobrzecki No. 348 — Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: MAY 5, 2014

APPROVAL: CA2014117372
5/9/14

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